WHITE PAPER - TRIMIT MASTER ADDITIONAL INFORMATION 2016

This document contains information about the Additional Information Functionality on the Master in TRIMIT 2016

Version: 2016.1
Date: 29-01-2016

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INTRODUCTION

Additional Info is a feature that has been in TRIMIT for many versions. In those versions this functionality is used mostly for entering Wash & Care Information.
As of **TRIMIT 2016 W1** this functionality has been enhanced, so that it can contain more information, such as Composition of the Product.

The pictures in this White Paper are based demo company of **TRIMIT 2016 W1.**

COMPONENTS

TRIMIT2016 Additional Components contains the following objects:

The tables:	***6036491***	***TRIMIT Service Add Info Line***
	6037250	***Add Info Header***
	6037251	***Add Info Line***
The pages:	***6036840***	***Composition Factbox***
	6036841	***Care Label Factbox***
	6036842	***Add Info Factbox***
	6036843	***Add Info Comments FactBox***
	6037360	***Add Info List***
	6037361	***Add Info Card***
	6037362	***Add Info Lines Subpage***
	6037363	***Composition Lines***
	6037364	***Add Info Lines***
	6037365	***Care Label Lines***
The reports:	***6037209***	***PDM Composition and Care Label***
The codeunits:	***6037190***	***PDM Handling***

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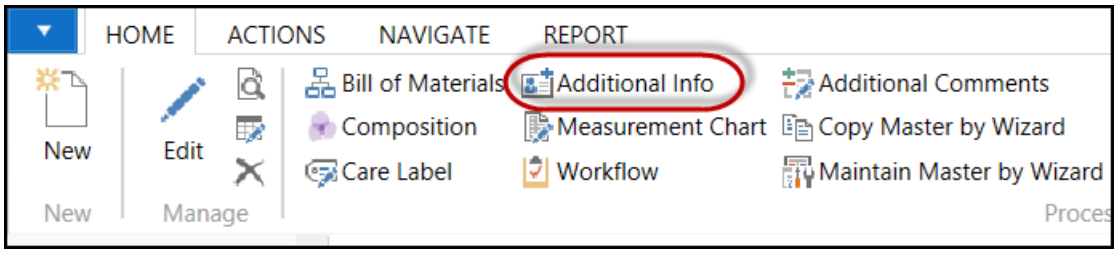
ADDITIONAL INFO: THE 'ORIGINAL' WAY

The **Additional Info** feature has been in TRIMIT for many version and is used mainly for adding the Wash & Care Information of the Product. However, the **Additional Info** can be used for all kinds of permanent information which is described later in this document.



The Additional Info can still be found on:
(Via ***Departments/Warehouse/Product Design (PDM)/Masters***)

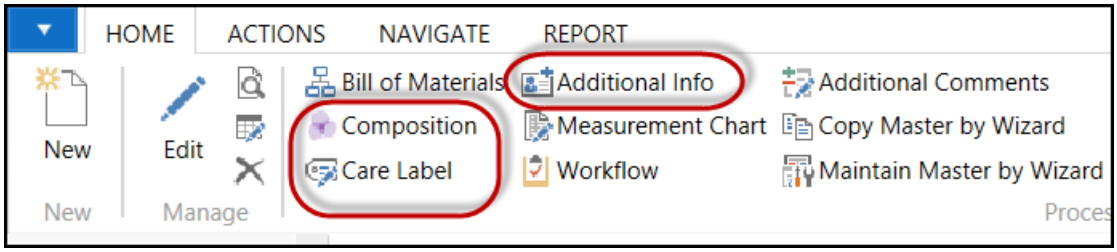
- **Master List** (page 6037103) Ribbon *Home*
- **Master Card** (page 6037108) Ribbon *Home*

However, the Look & Feel has changed. When upgrading from a previous version, all 'older version' Additional Info can be seen in a new page **Additional Info Lines** (see below).

ADDITIONAL INFO: THE 'NEW' STYLE

The 'New' Additional Info is now divided into three views that can be found on:
(Via ***Departments/Warehouse/Product Design (PDM)/Masters***)

- **Master List** (page 6037103) Ribbon *Home*
- **Master Card** (page 6037108) Ribbon *Home*



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These are:

ADDITIONAL INFO

In this section of the Additional Info we can enter all other kinds of 'fixed' variants. This will be discussed in the next Chapter Additional Info Lines

CARE LABEL

In previous versions the most common use of the Additional Info Table was for entering Wash & Care information including the accompanying pictograms. In the new situation this section should be used for this purpose. This will be described in the Chapter Care Label

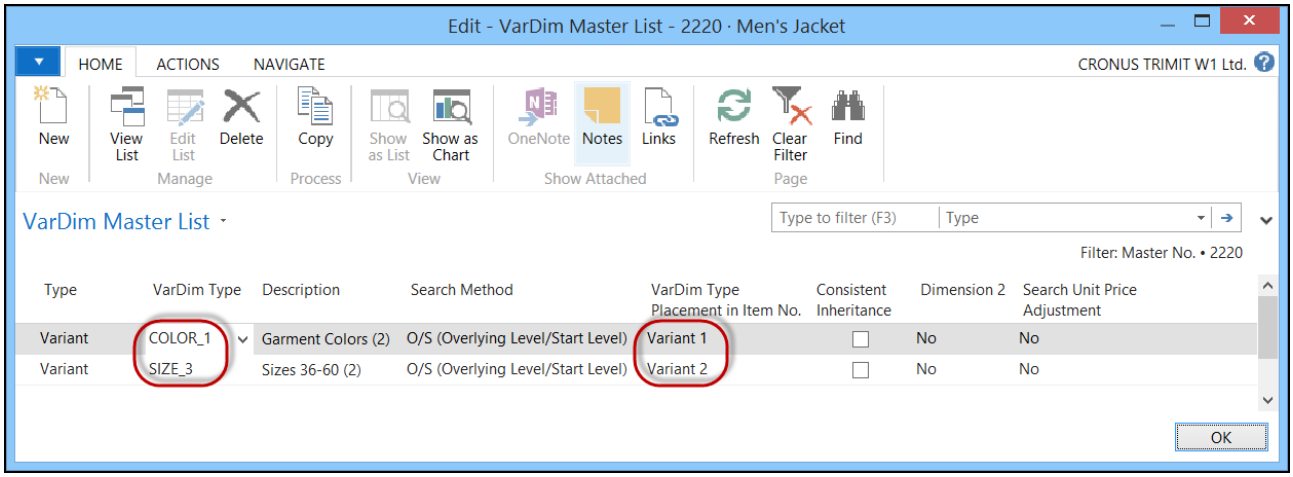
COMPOSITION

Entering the **Composition** on the Master Card is new. Except populating the Composition Table extra new functionality has also been added. This will be described in the Chapter Composition.

ADDITIONAL INFO LINES

Let's start with the general **Additional Info Lines**. Before we do so, we have to take one step back and discuss the setup of a Master.
In the Fashion Industry a Master represents a Model or a Style. This is a product that has different Variants, for instance Color/Size or Color/Width/Length combinations. Perhaps there could be more Variants, like for Master *2700* (*Men's Brogue*).

In the VarDim Master List of the Master we can setup, which VarDim Types should be attached to this Master. An example is found below of Master *2220* (Men's Jacket).



To these VarDim Types (of **Type** *Variant*) a Table is attached with Options. Some of these Options are valid; others are not. All possible combinations of the valid Options from the Variants of a Master, are represented by the regular NAV Item Card. You could say that in the VarDim Master List of a Fashion product the VarDim Types are entered that are variable within the Master. So far basic TRIMIT about setting up a Master.

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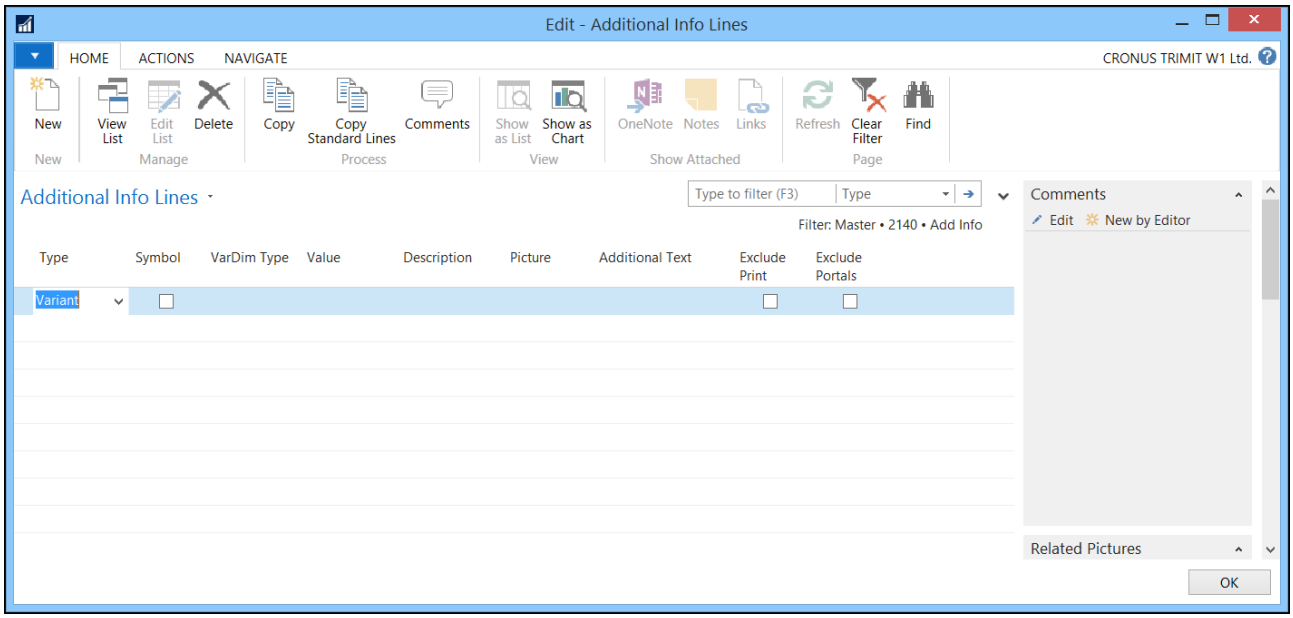
Let's assume that we want to connect a VarDim Type to a Master with some Options in it. However, within one and the same Master there is only one Option possible: the VarDim Option is not a variable any more, but a **Constant**.
Examples of these are:

- Quality/ Material Type
- Fit (Slim, Regular, Skinny, etc.)
- Sleeve Length/ Trouser Length
- Collar Type, Cuff Type, etc.
- Fire Resistance
- Waterproof
- Etc.

The idea is that we can enter these constants in the **Additional Info Lines** Table. You could also argue that Wash & Care Types and Material Composition are constant VarDim Types. Well… they are, but for them more functionally has been added. This will be discussed in the next chapters.

Let's open the **Additional Info Lines** of Master *2140* Men's Shirt. This table is currently empty. The fields in this table are discussed below.



TYPE

The field **Type** determines whether you can enter free text or a VarDim Type.
You can choose between the following three options:

Type	Description
Variant	A VarDim Type, with **Type** = *Variant,* can be entered in the Additional Info Lines
Headline	Free Text can be entered in the Description. The Text lines are Bold.
Standard	A default set of VarDim Options can be chosen (see Standard Sets of Wash & Care Labels)

SYMBOL

A VarDim Option can be accompanied by a Picture. With the Boolean **Symbol** you can separate the Pictures that are a Symbol – for instance: symbol for Fire Resistance – from the other Pictures.

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This could be used for instance on reports in which you want to print Symbols and other Pictures in a different size or different position.

VARDIM TYPE

In this field you can enter the **VarDim Type** if the **Type** of the Additional Info Line is *Variant* or *Headline.*

VALUE

In this field you can enter the VarDim Option that acts as a Constant for this Master if the **Type** of the Additional Info Line is *Variant* or *Standard.*

DESCRIPTION

This field will be populated by the **Description** belonging to the VarDim Option, but you can overwrite it manually.

PICTURE

This field shows you the **Picture** belonging to the chosen VarDim Option.

ADDITIONAL TEXT

In here you can add **Additional Text**.

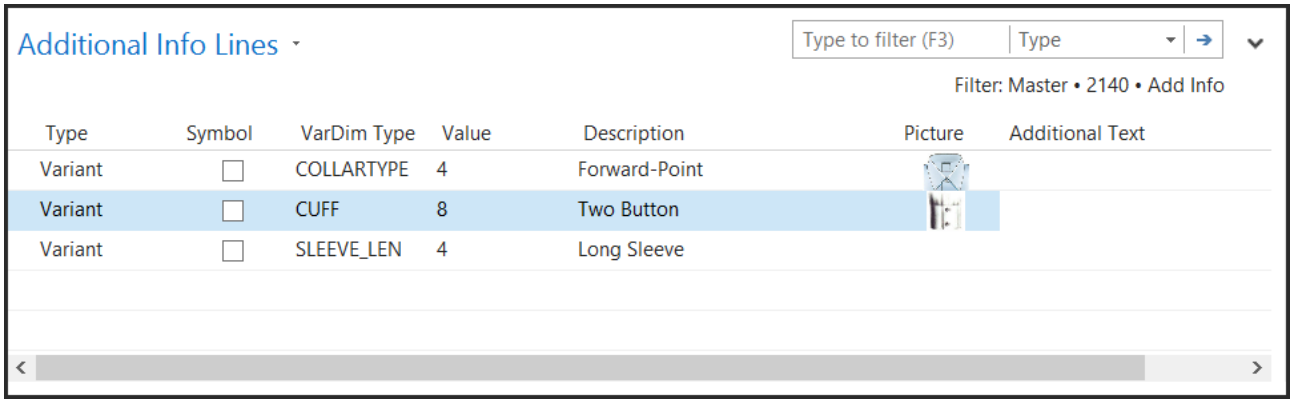
EXCLUDE PRINT

You can enter a checkmark in this field, if you don't want this **Additional Info Line** printed on the ***PDM Additional Info*** report.

EXCLUDE PORTALS

You can enter a checkmark in this field, if you don't want this **Additional Info Line** shown in the TRIMIT Portals/Shops.

In the screenshot below you can see an example how the Additional Info Lines could look like on Master *2140* Men's Shirt. We see for instance a Type of Collar chosen from a list of Collar Types (VarDim Type *COLLARTYPE*). But as you can see, all related Items to the Master will have the same Type of Collar. In this example *Forward-Point*.



Type	Symbol	VarDim Type	Value	Description	Picture	Additional Text
Variant	☐	COLLARTYPE	4	Forward-Point		
Variant	☐	CUFF	8	Two Button		
Variant	☐	SLEEVE_LEN	4	Long Sleeve		

Adding **Wash & Care** Information and **Composition** Components can be done in the same way as the general Additional Information Lines. This is discussed in the next Chapters.

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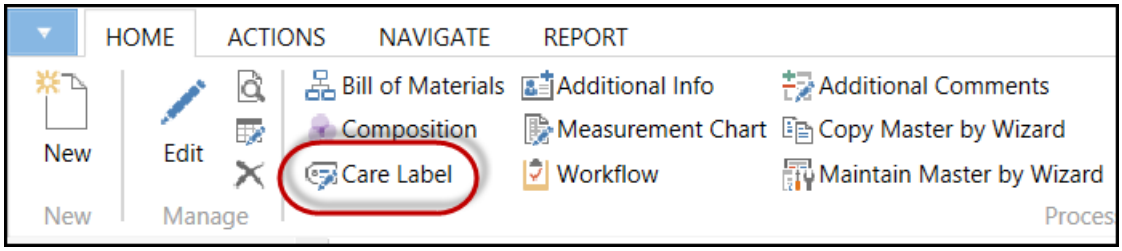
CARE LABEL

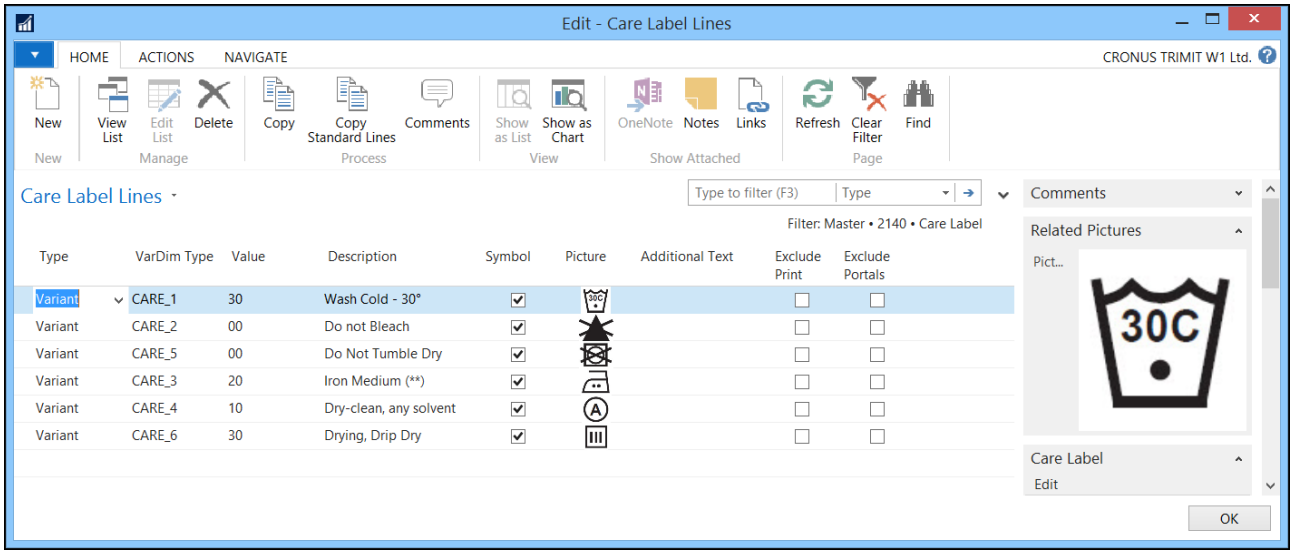
Every Garment has a **Care Label**. On this Care Label several symbols are shown. These symbols can be accompanied by explanatory or other texts for instance the Composition. This could be multilingual. In the picture below, we see two examples of Wash & Care Labels.

In TRIMIT it is possible to add every individual Wash & Care symbol. In order to do so you have to select the pictogram ***Care Label*** on the ribbon *Home* of the Master List or Master Card.



If we do that for Master *2140* Men's Shirt, we will see an example of how Wash & Care Types are entered with the appropriate Wash & Care Values.

Entering this information is done in the same way as described in the previous Chapter.



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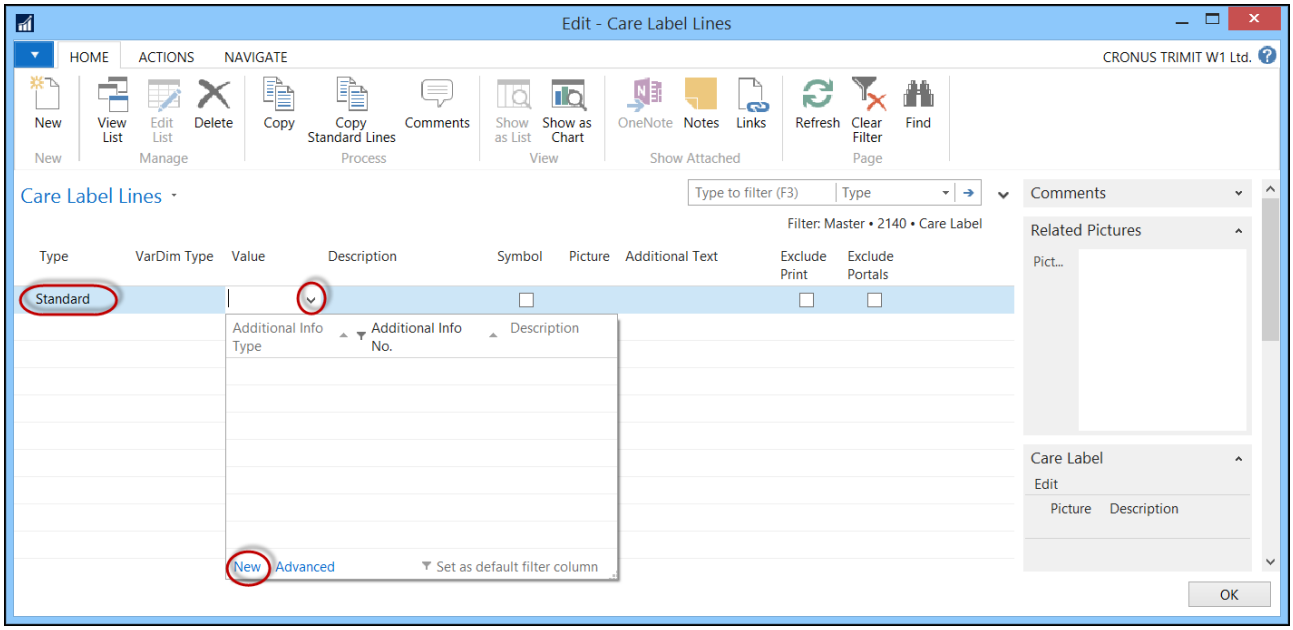
NOTE:
For Fashion Customers that are used to enter Wash & Care information in the **Additional Info** in previous versions, the upgrade tool from TRIMIT2015 to TRIMIT 2016 will 'move' the **Additional Info** into the **Care Label Lines** because that is the most common use of the **Additional Info** in previous versions.

STANDARD SETS OF WASH & CARE LABELS

In TRIMIT it is possible to create **Standard** Sets of Wash & Care Labels. This can be very useful, if a company trades Products with a limited number of Fabric Compositions and therefore a limited combinations of the Wash & Care Labels.
In this paragraph is shown how a set of Wash & Care labels can be setup and how it shows in the system.

NOTE:
Standard Sets of Wash & Care Labels is just an example. In fact every combination of VarDim Types and Values can be created as a Set. Therefore, also for the **Composition** you can created Standard Sets that are often used.

On behalf of this example let's clear the Care Label Lines for Master *2140* Men's Shirt.
In the field **Type** we choose *Standard* indicating that we want to select a Standard Set of Wash & Care Labels. In this case we don't have any, so we have to create a new one. This is done via the column **Value**. The column **VarDim Type** remains blank.



We define a standard set called *C_STD1*. Then we click ***Edit*** in the ribbon *Home,* to enter the combination of **VarDim Types** with **VarDim Options**. For instance as in screenshot below. Now this set of Wash & Care values is defined as a Standard Set. Do not forget the checkmark in column **Symbol**. This checkmark determines if we see the Symbols on the TRIMIT Care Label report.

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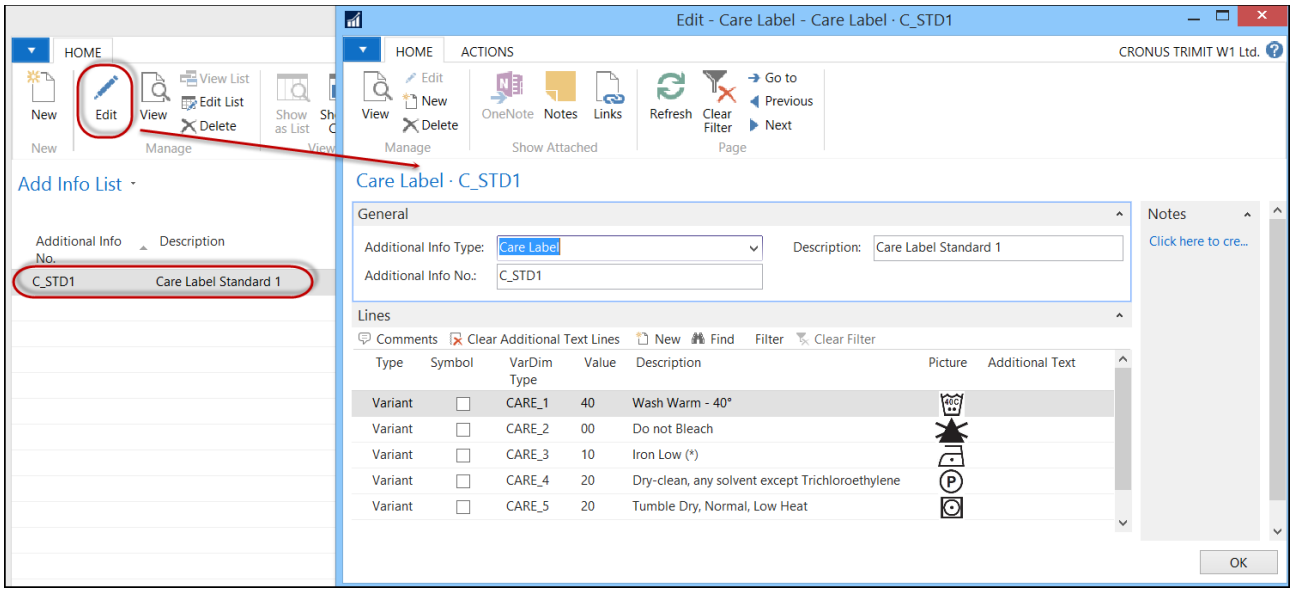
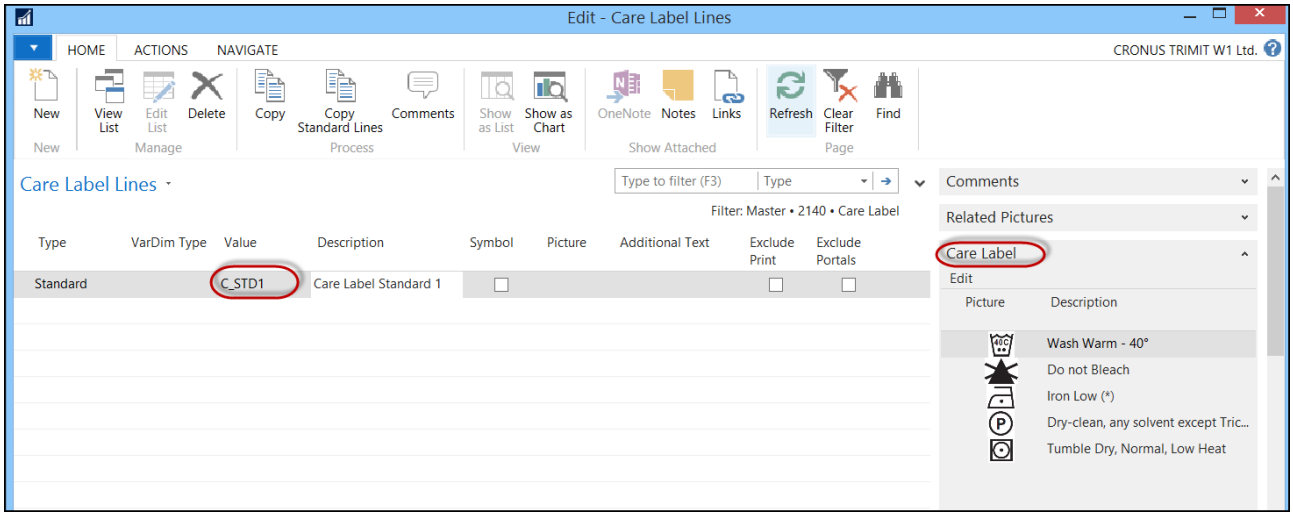


The result is shown in the screenshot below. If we go to the ribbon *Report* (of the Master List/Card) and run the ***Composition & Care Label*** report, we see that also this way the appropriate Symbols are printed.



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PDM Composition and Care Label

1 of 2 ? 100% Find Next

Composition & Care Label

Master No.	2140
Description	Men's Shirt
Status	READY Ready
Brand	FASHION Fashion
Season	01-SPRING Spring Current Year
Item Group	120 T-Shirts Short Sleeve
Composition	120 Men
Gender	
Vendor	2000 Sewing & Stitching Lda.
Date Printed	10-11-15

Composition:

Body

75 CO Cotton

25 NY Nylon Composition From Master 2905 Fabric 75% Cotton, 25% Nylon

Lining

65 PL Polyester Composition From Master 2906 Fabric 65% Polyester, 35% Cotton

Wash Symbols & Care Label:

English

Wash Cold - 30°

Do not Bleach

Iron Medium (**)

Dry-clean, Petroleum solvent only

Tumble Dry, Normal, Low Heat

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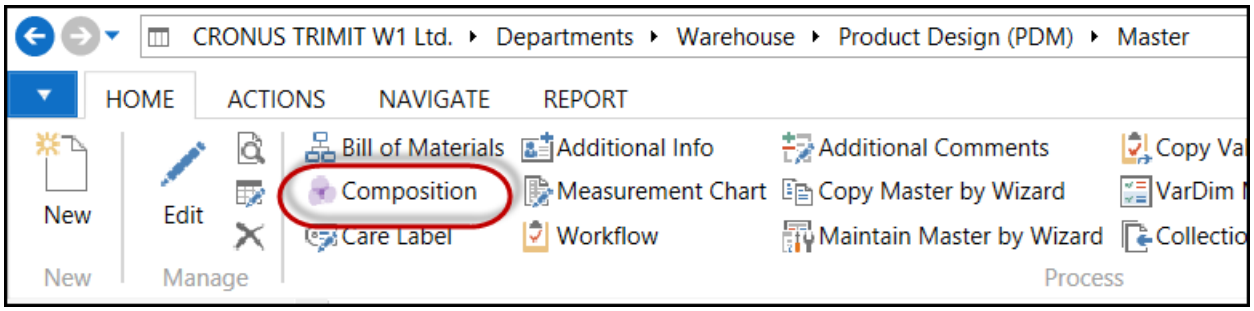
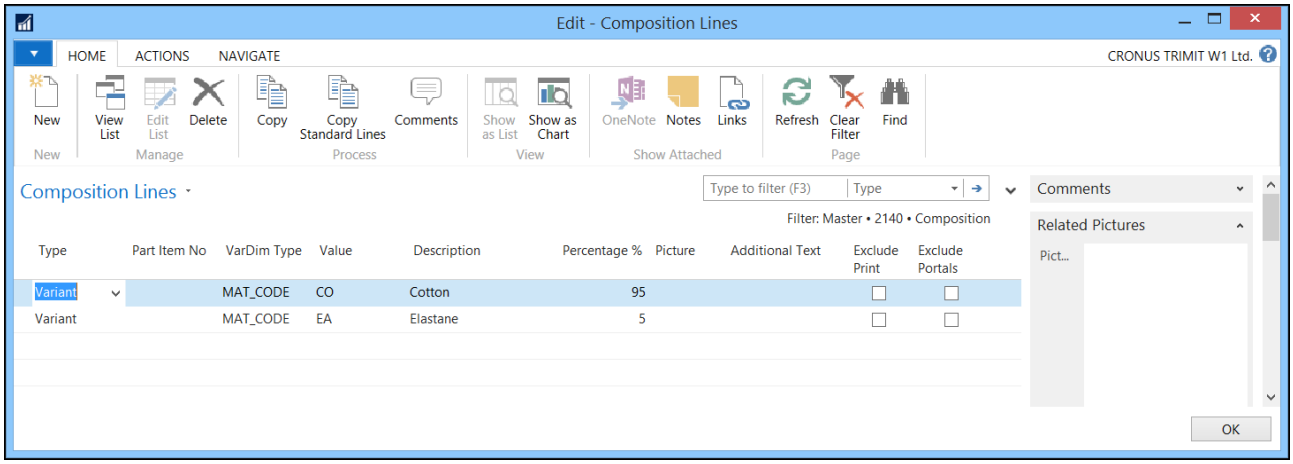
COMPOSITION

In a comparable way we can also add the **Composition Lines.**
We can see below an example on Master *2140 Men's Shirt* after selecting the pictogram ***Composition*** pictogram in the ribbon *Home*.





TYPE

The Field **Type** determines whether you can enter free text or a VarDim Type.
You can choose between the following three options:

Type	Description
Variant	A VarDim Type, with **Type** = *Variant,* can be entered in the Composition Lines
Headline	Free Text can be entered in the Description. The Text lines are Bold.
Standard	A default set of VarDim Options can be chosen (see Standard Sets of Wash & Care Labels)

NOTE:
You can create a Standard Set for the Composition the same way as described in Standard Sets of Wash & Care Labels for a Standard Set of the Care Labels.

VARDIM TYPE

In order to enter the Composition Lines a **VarDim Type** is required that contains all kinds of materials. In our demo company that is *MAT_CODE*. In the accompanying Variant Table you can find all kinds of Fabrics, Fibers, Woods, Metals, etc. Everything that has to do with the material Type/ Quality.

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VarDim Variant Options

Type to filter (F3) | Value

Filter: 607

Value	Matrix Distributio...	Description	Picture
AB		Abaca	
AC		Acetate	
AG		Silver	
AL		Aluminium	
AN		Acrylonitrile	
AR		Aramid	
AU		Gold	
BB		Baltic Birch	
BE		Beech	
BR		Polybutadiene Rubber	
BW		Black Walnut	
CC		Coir	
CL		Chlorofibre	
CM		Chlorinated Polyethylene Rubber	
CO		Cotton	
CP		Cellulose Propionate	
CR		Polychloroprene Rubber	
CS		Casein	
CU		Copper	

It is possible to compose the **Composition** from specific Components. This is shown in the Composition Lines of Master *2140 Men's Shirt* which exists of a Fabric with Composition of 95% Cotton and 5% Elastane. In the Composition Lines this is represented as two lines:
One for the Cotton and one for the Elastane.

PERCENTAGE

In the field **Percentage** you can enter the percentage of the material
That is where you put the 95% and the 5% for the example above. The percentages can be calculated or used for calculations. This will be discussed in the next Chapters.

PART ITEM NO.

In this field you can enter the **Part Item No**., which has the same Table as the Part Item No. on the BOM. Using the Part Item No. it is possible to compose the composition for different parts of the product, i.e. Body, Lining, Pocket, etc.
The **Part Item No.** plays an important role when you want to calculate the Composition from its individual components. This will be discussed in the next Chapters.

EXCLUDE PRINT

You can enter a checkmark in this field, if you don't want this **Additional Info Line** printed on the ***PDM Additional Info*** report.

EXCLUDE PORTALS

You can enter a checkmark in this field, if you don't want this **Additional Info Line** shown in the TRIMIT Portals/Shops.

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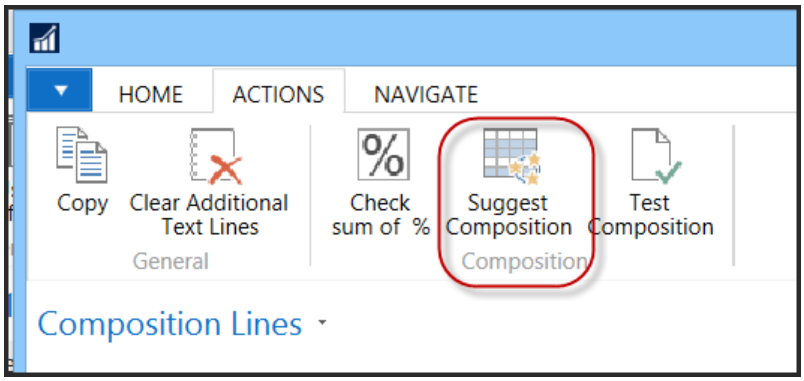
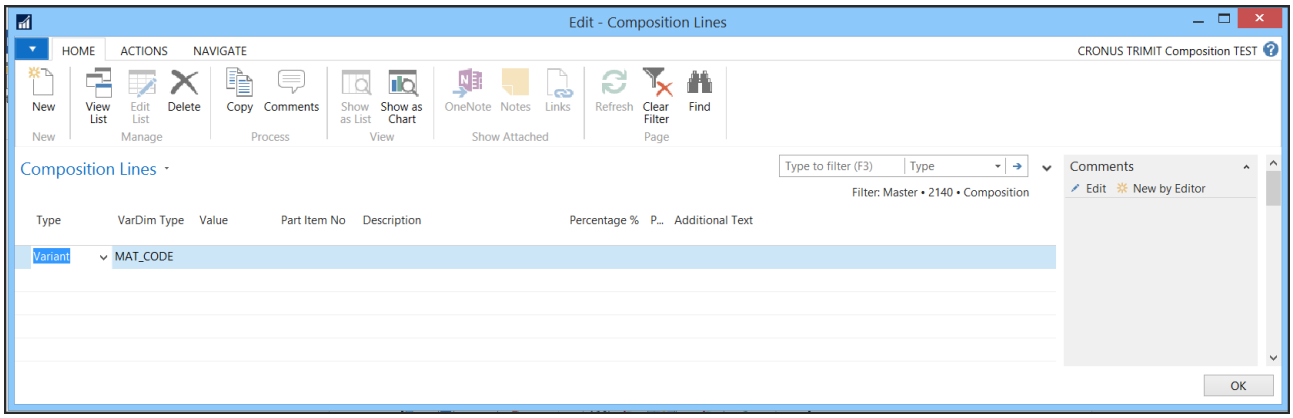
SUGGEST COMPOSITIONS

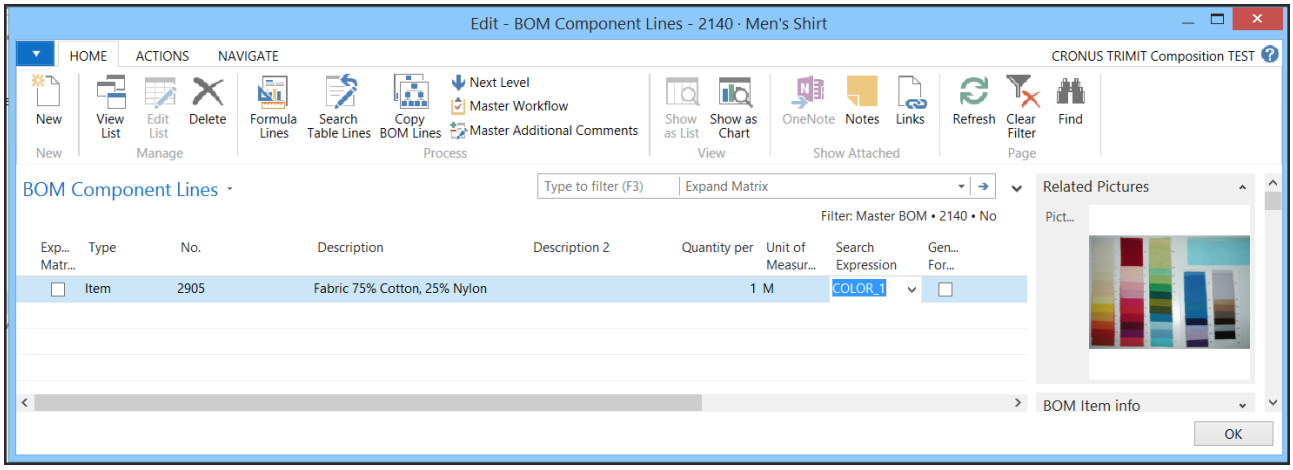
A Garment may consist of different Fabrics. In TRIMIT it is possible to have the system generate a suggestion of the overall Composition of the Garment based on the BOM Component Lines.
This function can be found on the ribbon *Actions*, ***Suggest Composition***.



Let's have a look how this works. Let's delete the lines in the Composition of Master *2140 Men's Shirt*.



Now we go to the BOM of the Master (ribbon *Home,* click ***Bill of Materials***). This one is empty. Let's enter Fabric *2905 Fabric 75% Cotton, 25% Nylon* in the BOM. Don't forget to enter a **Search Expression** for the colors (*COLOR_1)* and the **Search Table Lines**. The exact Color dependencies don't matter for this example, so you can enter them or not.



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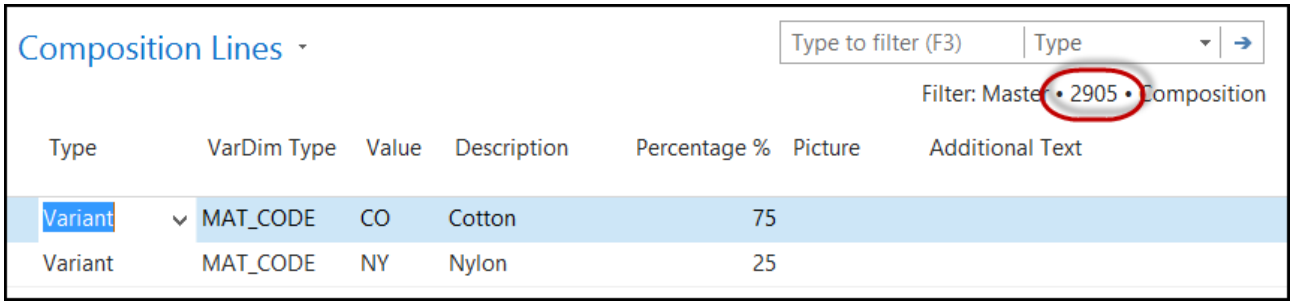
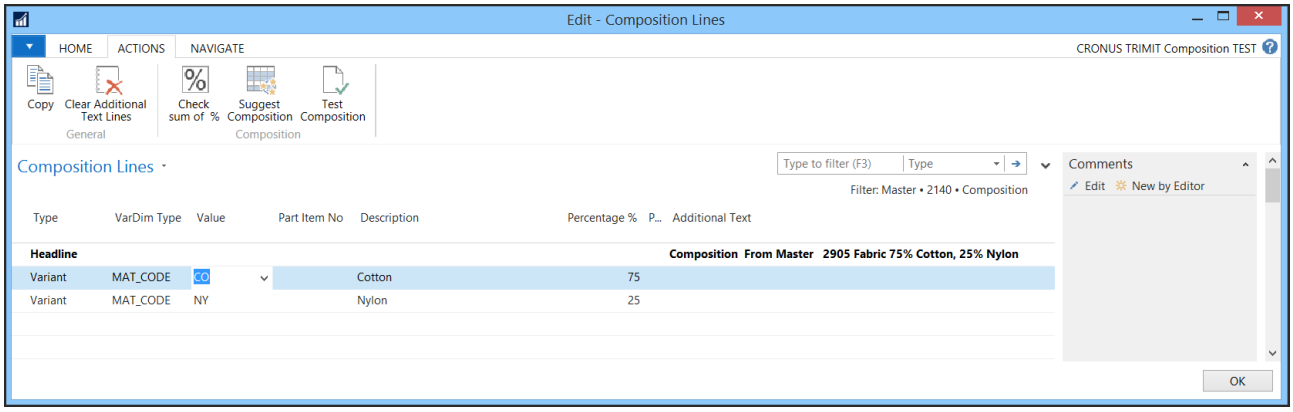
The Master *2905* has its own **Composition Lines**:

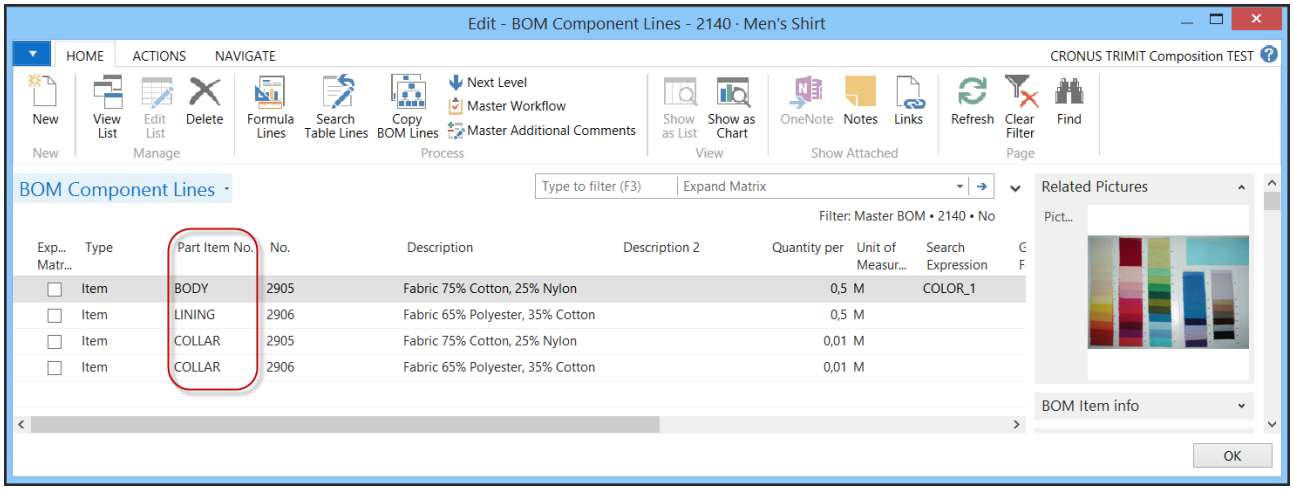


If we go back to the **Composition Lines** of *2140* and on the ribbon *Actions,* click ***Suggest Composition*** we get the following result:



For each BOM Component Line of the Master *2140,* in this case only the Item *2905*, **Composition Lines** will be created based on the **Composition Lines** of the Item (*2905*) in the BOM Component Line as shown above.

Let's now have a look at a BOM that has more Components with different Compositions. Note that this BOM has been setup including the use of **Part Item No.**



Let's see which **Composition Lines** are now suggested for *2140* based on this BOM.

So again we click ***Suggest Composition*** in the ribbon *Actions* in the Composition Lines of *2140:*

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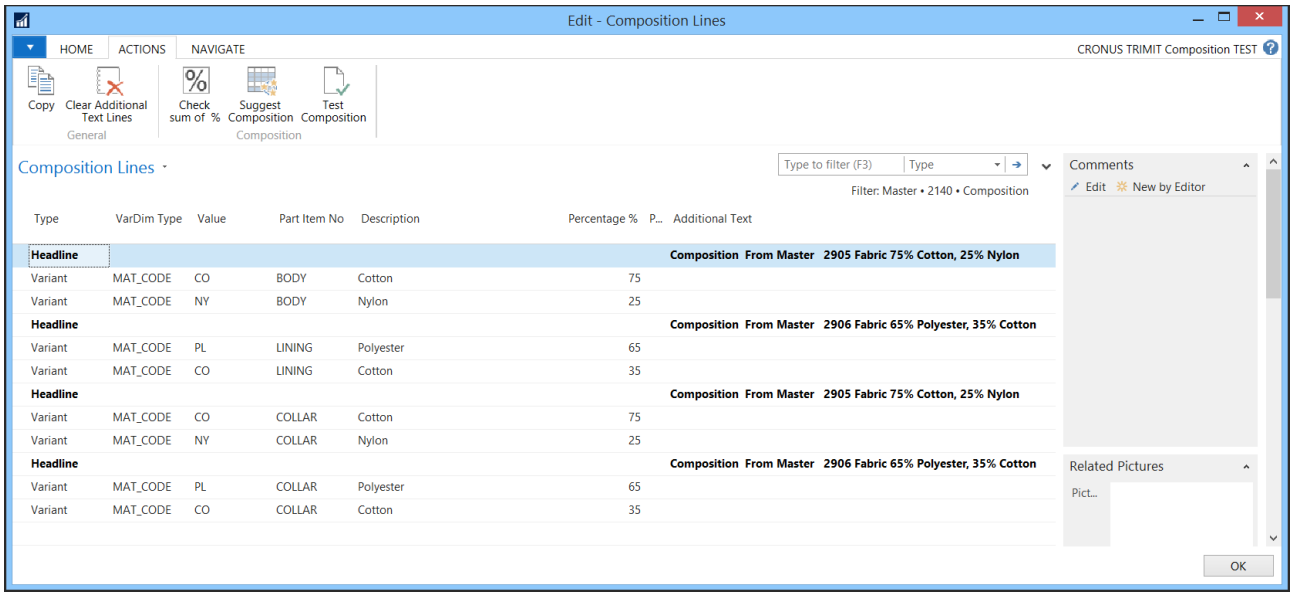
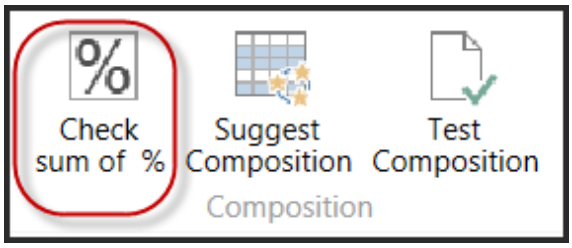
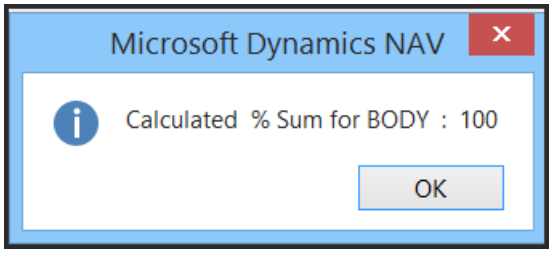


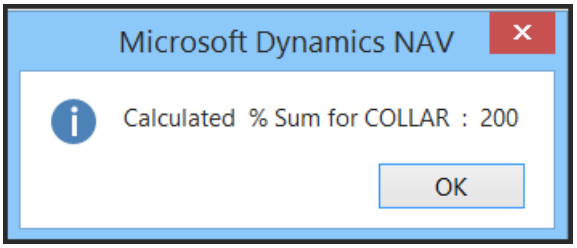
NOTE:
The Composition suggested from the BOM Component Lines are only based on the First Level BOM.

CHECK SUM OF %



With the function ***Check sum of %***, we can check if the sum of entered percentages of the Composition is *100 %*.
In case of Composition of a product with multiple Components, the check will take place per **Part Item No.** This means that in the example in the previous Chapter the Sum for the Collar is *200 %*, because this **Part Item No.** consist of 2 Components with their own Composition.





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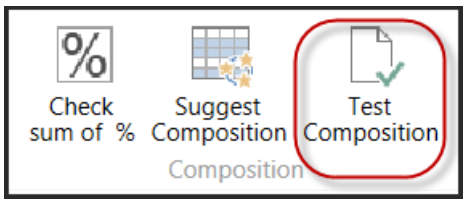
TEST COMPOSITION



With the function ***Test Composition***, it is possible to check whether the Values of the VarDim Types (Material Codes) in the Composition Lines are in agreement with the Composition of the BOM Component Lines.
If a code is missing, an additional Composition Line will be added.

NOTE:
It is only a check, if the Material Code is there. It does not take the **Part Item No.** into consideration.

Let's have a look at this on Master *2140* Men's Shirt with the following BOM

BOM Component Lines

Type to filter (F3) | Expand Matrix

Filter: Master BOM • 2140 • No

Exp... Matr...	Type	Part Item No.	No.	Description	Description 2	Quantity per	Unit of Measur...	Search Expression	G F
☐	Item	BODY	2905	Fabric 75% Cotton, 25% Nylon		0,5	M	COLOR_1	
☐	Item	LINING	2906	Fabric 65% Polyester, 35% Cotton		0,5	M		
☐	Item	COLLAR	2905	Fabric 75% Cotton, 25% Nylon		0,01	M		

This means that we can expect on the Composition Lines the following **Material Codes**:

- CO (Cotton)
- NY (Nylon)
- PL (Polyester)

Let's go to the Composition Lines of *2140* and make sure that we only have a line with **Material Code** *CO* (Cotton) in it.

Composition Lines

Type	VarDim Type	Value	Part Item No	Description	Percentage %	P...	Additional Text
Variant	MAT_CODE	CO	BODY	Cotton	75		

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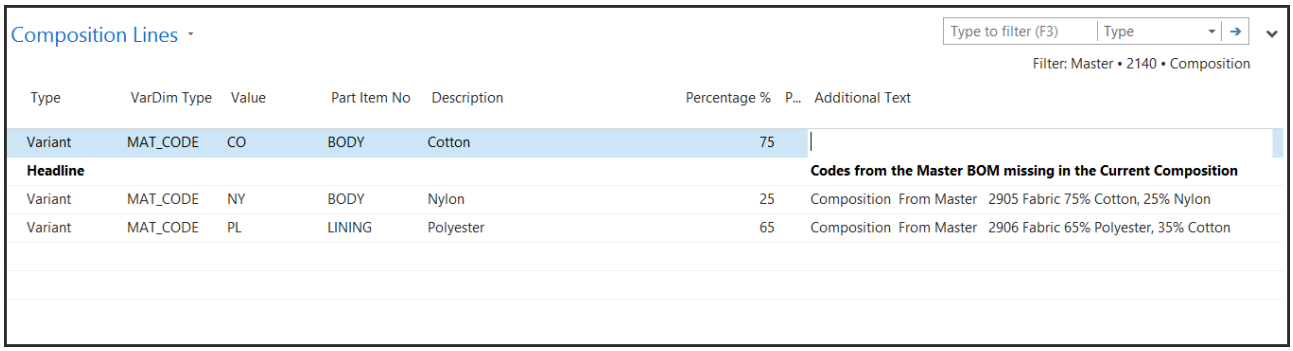
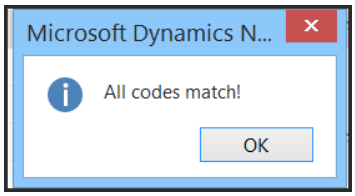
Now on the ribbon *Actions,* click ***Test Composition***. We can see now that the missing Material Codes are added. If necessary the Composition Line with **Type** *Headline* can be deleted.



NOTE:
You will only see a Material Code once! The additional text only shows the line with the Master in which the **Material Code** appears first. If this is undesired it is better to use ***Check Sum of %***.

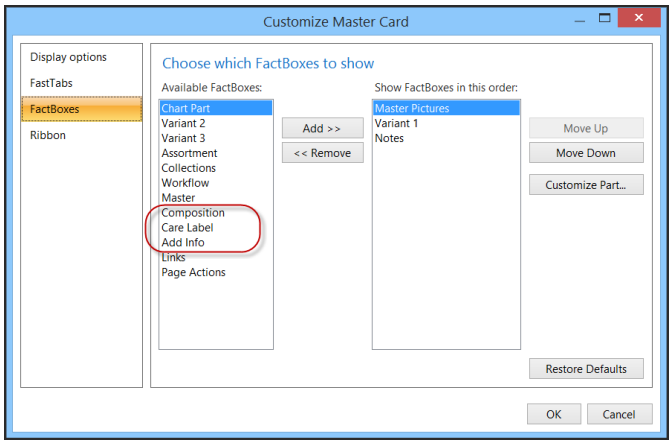
NOTE:
If there are more BOM Component Lines in the BOM with Composition Lines, the percentages do not necessarily add up to 100 %

If the Material Codes of the Composition of the BOM Component Lines are in agreement with the Material Codes on the Composition Lines of the main Product, we will get the message below:



NEW FACTBOXES

For the new **Additional Info** functionalities several new FactBoxes are created.
These can be found on the Master List and the Master Card.



These FactBoxes contain the information of the Additional Information Lines.

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CONCLUSION

Since TRIMIT 2016 the functionality of the Additional Info has been significantly extended. Especially on behalf of the Composition several features have been added.

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